L Number	Hits	Search Text	DB	Time stamp
1	534	73/800.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
2	718	33/706.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	120	73/0/2 224 1	IBM_TDB	2004/05/07 11 22
3	130	73/862.324.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
4	142	73/862.325.ccls.	IBM_TDB USPAT;	2004/06/07 11:34
4	142	757602.525.CCIS.	US-PGPUB;	2004/00/07 11:34
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	17	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel	USPAT;	2004/06/07 12:09
	''	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and	ЕРО; ЛРО;	
		(73/800.ccls. 33/706.ccls. 73/862.324.ccls. 73/862.325.ccls.)	DERWENT;	
		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM TDB	
7	713	((rotat\$4 turning torque) near4 (shaft rod bar) near6 (groove furrow	USPAT;	2004/06/07 12:11
		channel indent\$4 depression gap)) and ((sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	114	((rotat\$4 turning torque) near4 (shaft rod bar) near6 (groove furrow	USPAT;	2004/06/07 12:30
		channel indent\$4 depression gap)) and ((sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4)	ЕРО; ЛРО;	
		near4 (shaft rod bar))	DERWENT;	
			IBM_TDB	2004/05/07 12 00
9	114	((rotat\$4 turning torque) near4 (shaft rod bar) near6 (groove furrow	USPAT;	2004/06/07 13:00
		channel indent\$4 depression gap dent)) and ((sens\$4 measur\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	EPO; JPO;	
		stretch\$4) near4 (shaft rod bar))	DERWENT; IBM TDB	
48	3	4113746 pp	USPAT;	2004/06/07 12:59
70	3	4112746.pn.	US-PGPUB;	2007/00/07 12.39
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	
50	1	((rotat\$4 turning torque) near4 (shaft rod bar) near6 (groove furrow	USPAT;	2004/06/07 13:00
	_	channel indent\$4 depression gap dent)) and ((sens\$4 measur\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	ЕРО, ЈРО;	
		stretch\$4) near4 (shaft rod bar) near6 pulse)	DERWENT;	
			IBM_TDB]
51	2	((shaft rod bar) near6 (groove furrow channel indent\$4 depression gap	USPAT;	2004/06/07 13:06
		dent)) and ((sens\$4 measur\$4 determin\$4 detect\$4) near4 (lengthening	US-PGPUB;	
		elongat\$4 exten\$4 disten\$4 stretch\$4) near4 (shaft rod bar) near6	ЕРО; ЈРО;	
		pulse)	DERWENT;	
			IBM_TDB	
-	474	73/800.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	280	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	USPAT; US-PGPUB;	2004/06/07 12:07
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm.	EPO, JPO, DERWENT;	
	20		IBM_TDB	2002/04/10 20 12
-	28	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	USPAT; US-PGPUB;	2002/04/10 20:13
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and	ЕРО; ЛРО;	
		((eddy near2 current) (capacitance near2 gap) photoelectric)	DERWENT;	
			IBM_TDB	
-	28	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2003/02/20 16:48
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and ((eddy near2 current) (capacitance near2 gap) photoelectric)	EPO; JPO; DERWENT;	
		((eddy hearz current) (capacitance hearz gap) photoerecure)	IBM_TDB	
_	464	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:27
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	ЕРО; ЈРО;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
	100	detect\$4))	IBM_TDB USPAT;	2002/04/11 10:05
-	109	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002/04/11 10:05
		near4 (lengthening elongat\$4 stretch\$4))) and (((eddy near2 current)	EPO; JPO;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))	DERWENT;	
			IBM_TDB	
-	41	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:32
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	EPO; JPO; DERWENT;	
		detect\$4)) and 73/\$6.ccls.	IBM_TDB	
_	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPĀT;	2002/04/11 11:25
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT; IBM_TDB	
_	42	detect\$4)) and 73/\$6.ccls. (((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel	USPAT;	2002/04/11 10:20
	12	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002/01/11 10:20
		near4 (length\$6 elongat\$4 stretch\$4))) and (((eddy near2 current)	ЕРО; ЈРО;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))	DERWENT;	
	_	/// / (04/ ')	IBM_TDB	2002/04/11 10:56
-	5	(((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel indent\$4 depression gap)) and ((sens\$4 measur\$4 determin\$4 detect\$4)	USPAT; US-PGPUB;	2002/04/11 10:56
		near4 (length\$6 elongat\$4 stretch\$4) near4 (chang\$4 variati\$4 alterat\$4	EPO; JPO;	
		differen\$4)) and ((eddy near2 current) (capacitance near2 gap)	DERWENT,	
		photoelectric) near4 (sens\$4 detect\$4)	IBM_TDB	
-	6	((((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:36
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB; EPO; JPO;	
		near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT,	
		detect\$4)).clm.	IBM_TDB	
_	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:38
		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))).clm.	DERWENT; IBM_TDB	
_	4	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:39
_		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002.0 11.11.37
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	ЕРО; ЛРО;	
		(sens\$4 detect\$4))).clm.	DERWENT;	
			IBM_TDB	

-	6	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:44
		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	11	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:57
		indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) and (((eddy near2 current) (capacitance near2 gap)	ЕРО; ЛРО;	
		photoelectric) near4 (sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	14	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:59
		indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) and ((eddy near2 current) capacitance photoelectric) near4	ЕРО; ЛРО;	
		(sens\$4 detect\$4)) and (distance spacing separation) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	1	JP63313007	USPAT;	2002/04/11 11:58
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
ļ			IBM_TDB	
- 1	1	"63313007"	USPAT;	2002/04/11 11:58
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
	1		IBM_TDB	
-	1	"62149938"	USPAT;	2002/04/11 11:58
			US-PGPUB;	•
ļ			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	1	JP62149938	USPAT;	2004/06/07 12:59
			US-PGPUB;	
	ļ		ЕРО; ЈРО;	
	•		DERWENT;	
:			IBM_TDB	
-	648	33/706.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0		USPAT;	2003/10/28 16:01
		mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4	US-PGPUB;	
		determin\$4 detect\$4) and ((eddy near2 current) capacitance	ЕРО; ЛРО;	
		photoelectric) near4 (sens\$4 detect\$4)) and (distance spacing	DERWENT;	
		separation) and 33/706.ccls.	IBM_TDB	
-	0	((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod bar) near6 (groove	USPAT;	2002/04/11 12:10
		furrow channel mark\$4 indent\$4 projection depression gap)) and	US-PGPUB;	
		(sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current)	ЕРО, ЈРО,	
		capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor and	DERWENT;	
		33/\$6.ccls.	IBM_TDB	
-	0	((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	USPAT;	2002/04/11 13:34
		near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	
		gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2	ЕРО; ЈРО;	
		current) capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor	DERWENT;	
		and 33/\$6.ccls.	IBM_TDB	
_	11	((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	USPĀT;	2002/04/11 12:51
		near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	
		gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and sensor and	ЕРО; ЈРО;	
		33/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	0	63313007.URPN.	USPAT	2002/04/11 13:32

-	1	(((length\$6 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	USPAT;	2002/04/11 13:45
		near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	
		gap)) near9 (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2	ЕРО; ЛРО;	
		current) capacitance photoelectric) near4 (sens\$4 detect\$4) and	DERWENT;	
		sensor).clm.	IBM_TDB	
-	1	(((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove	USPAT;	2002/04/11 13:56
		furrow channel mark\$4 indent\$4 projection depression gap)) near9	US-PGPUB;	
		(sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current)	ЕРО; ЈРО;	
		capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor).clm.	DERWENT;	
			IBM_TDB	
-	122	(((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove	USPAT;	2002/04/11 14:00
		furrow channel mark\$4 indent\$4 projection depression gap)) near9	US-PGPUB;	
		(sens\$4 measur\$4 determin\$4 detect\$4) and (sens\$4 detect\$4)).clm.	EPO; JPO; DERWENT;	
			IBM_TDB	
	2	/"5440039" "5452616"\ DN	USPAT	2002/04/11 14:08
-	2 0	("5440938" "5452616").PN. 5979248.URPN.	USPAT	2002/04/11 14:08
-	118	73/862.324.ccls.	USPAT;	2004/06/07 11:33
-	116	757602.524.6618.	US-PGPUB;	2004/00/07 11.55
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	121	73/862.325.ccls.	USPAT;	2004/06/07 11:33
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	91	73/862.32\$.ccls. and (mark\$4 notch\$4)	USPAT;	2002/04/11 14:34
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
1			IBM_TDB	
-	65	73/862.32\$.ccls. and (mark\$4 notch\$4) and ((sens\$4 detect\$4	USPAT;	2002/04/11 14:22
		determin\$4) near4 (shaft rod bar))	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
	3	4005357 m	IBM_TDB USPAT;	2002/04/11 14:23
-	3	4995257.pn.	US-PGPUB;	2002/04/11 14.23
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	6	("4305294" "4347748" "4352295" "4525068" "5001937"	USPAT	2002/04/11 14:24
		"5297044").PN.		
-	6	543882.URPN.	USPAT	2002/04/11 14:25
-	105	73/862.32\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4	USPAT;	2002/04/11 14:36
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT,	
			IBM_TDB	
-	65	73/862.3\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4 and	USPAT;	2002/04/11 17:09
	1	((capacitive (eddy near2 current) photodetect\$4 photoelectric))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		41/(202 LIDDNI	IBM_TDB	2002/04/11 14:42
-	1	4166383.URPN.	USPAT	2002/04/11 14:43
-	2 48	("2519378" "2811853").PN. 73/862.3\$.ccls. and (groove) and rotat\$4 and ((capacitive (eddy near2	USPAT USPAT;	2002/04/11 14:43 2002/04/11 17:10
-	48	current) photodetect\$4 photoelectric))	US-PGPUB;	2002/04/11 17:10
		currently protodetectory protoelectric))	ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
_	5	("5315881" "5438882" "4712432" "4166383" "5723794").pn.	USPAT	2002/04/11 18:47
		1		1

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/10/16 11:27 /10/15 17:37 /10/16 15:44 /10/16 15:37
/10/16 15:44 /10/16 15:37
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/10/16 15:37
/10/16 15:37
/10/16 15:37
106107 11.24
/06/07 11:34
/10/16 15:38
10110 13.30
/10/16 15:44
110115
/10/16 15:46
/02/20 16:57
02120 10.37
/02/20 17:07
/02/20 17:20
,

	20	((elong\$4 lenghten\$4 stretch\$4 exten\$4 distance) near4 (shaft rod bar)	USPAT;	2003/02/20 17:25
_	20	same (groove furrow mark\$4 channel indent\$4 depression gap)) and	USPAT; US-PGPUB;	2003/02/20 17:23
		((sens\$4 measur\$4 determin\$4 detect\$4) near4 (lengthening elongat\$4	ЕРО; ЛРО;	
	İ	distance exten\$4 disten\$4 stretch\$4)) and ((ratio degree) near4 (intervar	DERWENT;	
		distance time space) near4 (signal pulse))	IBM TDB	
	116	(((rotat\$4 torsion\$4 turning torque) near4 (shaft rod bar)) near6 (groove		2003/10/28 16:10
-	110	furrow channel mark\$4 indent\$4 projection depression gap) and ((eddy	USPAT;	2003/10/28 10:10
			US-PGPUB;	
	[near2 current) capacitance photoelectric) near4 (sens\$4 transduc\$4	EPO; JPO;	
		detect\$4)) and ((distance spacing elongat\$4 separation) near6 (sens\$4	DERWENT;	
	1.72	measur\$4 determin\$4 measur\$4 meter\$4 estimat\$4 detect\$4))	IBM_TDB	2002/10/20 16 11
-	173	(((rotat\$4 torsion\$4 turning torque) near4 (shaft rod bar)) near6 (groove	USPAT;	2003/10/28 16:11
	1	furrow channel mark\$4 indent\$4 projection depression gap slot) and	US-PGPUB;	
		((eddy near2 current) capacitance photoelectric) near4 (sens\$4	ЕРО; ЈРО;	
		transduc\$4 detect\$4)) and ((distance spacing elongat\$4 separation)	DERWENT;	
		near6 (sens\$4 measur\$4 determin\$4 measur\$4 meter\$4 estimat\$4	IBM_TDB	
		detect\$4))		
-	520	73/800.ccls.	USPAT;	2004/06/07 11:34
			US-PGPUB;	:
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	705	33/706.ccls.	USPAT;	2003/10/29 09:49
	!		US-PGPUB;	
			ЕРО; ЛРО;	
	ŀ		DERWENT;	
			IBM_TDB	
-	126	73/862.324.ccls.	USPAT;	2003/10/29 09:49
			US-PGPUB;	
			ЕРО; ЈРО;	
	ļ		DERWENT;	
			IBM_TDB	
-	135	73/862.325.ccls.	USPAT;	2003/10/29 09:49
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	705	33/706.ccls.	USPĀT;	2003/10/29 09:49
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	